

Performance Requirement: Inspection, Testing, and Calibration**Title:****Inspection and Testing****Mandatory Document**

Standard Statement:

Inspection and testing is performed on systems, structures, and components (SSCs) necessary for safe and reliable facility operation.

Performance Criteria:

1. The scope of the inspection and/or testing activity is clearly defined.
2. Standards and acceptance criteria of the inspection or testing activity are identified.
3. Disposition and/or corrective action is taken when standards or acceptance criteria are not met.
4. Inspections and tests are planned, scheduled, and coordinated.
5. Inspection and testing personnel have the requisite skills, knowledge, ability, and qualifications.
6. Personnel qualification requirements are identified, completed, and documented prior to conducting inspections or tests.
7. Appropriate written inspection and testing procedures are developed and used with provisions for documentation, evaluation, and disposition of inspection and test results.

Contractual Work Smart Standards:

10 CFR 830.120, Quality Assurance for Nuclear Facilities

DOE O 425.1, Startup and Restart of Nuclear Facilities, Change 1: 10-26-95 with the exception of the DOE O 5480.19 citation

DOE O 5480.20A, Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities, 11-15-94

DOE O 5480.21, Unreviewed Safety Questions, 12-24-91

DOE O 5480.22, Technical Safety Requirements, Change 2: 1-23-96

DOE O 5480.23, Nuclear Safety Analysis Reports, Effective Date: 4-30-92

DOE O 6430.1A, General Design Criteria, Division 13

DOE-STD-3013-94, Criteria for Safe Storage of Plutonium Metals and Oxides, 12-94